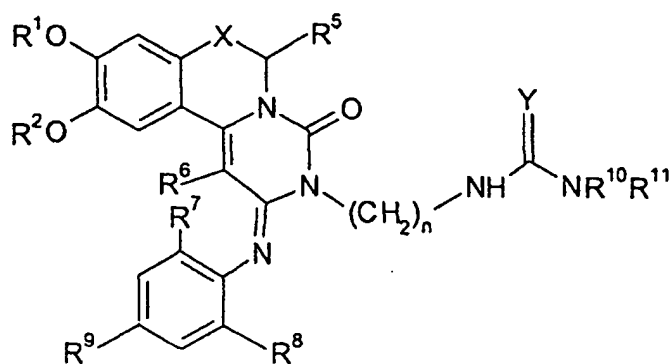


This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1 (original): A compound of general formula I:



I

wherein

each of R<sup>1</sup> and R<sup>2</sup> independently represents a C<sub>1-6</sub> alkyl or C<sub>2-7</sub> acyl group;

R<sup>5</sup> represents a hydrogen atom or a C<sub>1-3</sub> alkyl, C<sub>2-3</sub> alkenyl or C<sub>2-3</sub> alkynyl group;

R<sup>6</sup> represents a hydrogen atom or a C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, amino, C<sub>1-6</sub> alkylamino, di(C<sub>1-6</sub>) alkylamino or C<sub>2-7</sub> acylamino group;

each of R<sup>7</sup> and R<sup>8</sup> independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>2-7</sub> acyl, C<sub>1-6</sub> alkylthio, C<sub>1-6</sub> alkoxy, C<sub>3-6</sub> cycloalkyl; and

R<sup>9</sup> represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>2-7</sub> acyl, C<sub>1-6</sub> alkylthio, C<sub>1-6</sub> alkoxy or C<sub>3-6</sub> cycloalkyl group;

X represents OCH<sub>2</sub> or a group CR<sup>3</sup>R<sup>4</sup>, wherein each of R<sup>3</sup> and R<sup>4</sup> independently represents a hydrogen atom or a C<sub>1-3</sub> alkyl group;

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each of  $R^{10}$  and  $R^{11}$  independently represents a hydrogen atom, a  $C_{1-3}$  alkyl,  $C_{3-6}$  cycloalkyl or phenyl group;

Y represents an oxygen atom or a group  $CHNO_2$ ,  $NCN$ ,  $NH$  or  $NNO_2$ ;

n is an integer from 2 to 4;

or a salt thereof.

Claim 2 (currently amended): A compound of general formula I wherein, independently or in any compatible combination:

each of  $R^1$  and  $R^2$  represents a  $C_{1-6}$  alkyl, ~~preferably a  $C_{1-4}$  alkyl, group;~~

$R^1$  and  $R^2$  are the same as each other;

each of  $R^3$  and  $R^4$  represents a hydrogen atom;

$R^5$  represents a hydrogen atom;

$R^6$  represents a hydrogen atom;

each of  $R^7$  and  $R^8$  represents a  $C_{1-6}$  alkyl, ~~preferably methyl, ethyl or isopropyl, group;~~

$R^7$  and  $R^8$  are the same as each other;

$R^9$  represents a halogen atom or a methyl or acetyl group;

Y represents an oxygen atom or a group  $CHNO_2$ ; and

n is 2.

Claim 3 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-(*N*-carbamoyl-2-aminoethyl)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 4 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[*N*-(*N'*-isopropylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

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Claim 5 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N'-methyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 6 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3- [N-[1-(N'-isopropyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 7 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N', N'-dimethyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 8 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(N'-phenylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-2-one.

Claim 9 (original): 9, 10-Dimethoxy-3-[2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 10 (original): 9,10-Dimethoxy-3-[N-(N'-nitro)-2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 11 (currently amended): 3-[N-(N'-Cyclohexylcarbamoyl)-2-aminoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 12 (original): 3-(N-Carbamoyl-2-aminoethyl)-9,10-dimethoxy-2-(2-methylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

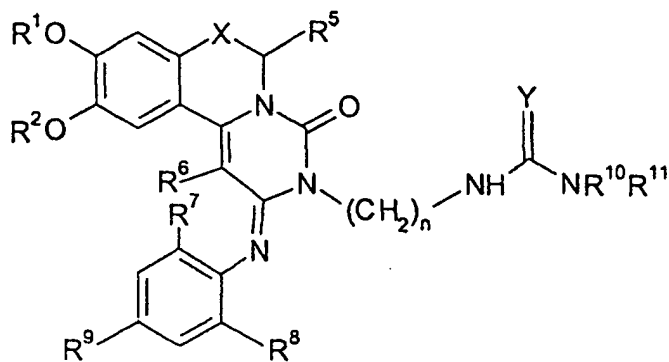
Claim 13 (original): 3-(N-Carbamoyl-2-aminoethyl)-2-(2,6-diisopropylphenylimino)-9,10-dimethoxy-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 14 (original): 3-(*N*-Carbamoyl-4-aminobutyl)-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 15 (original): 3-[*N*-(*N'*-Cyano-*N''*-methyl)-2-guanidinoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claims 16-50 (cancelled).

Claim 51 (new): A composition comprising a compound of general formula I:



I

wherein

each of R<sup>1</sup> and R<sup>2</sup> independently represents a C<sub>1-6</sub> alkyl or C<sub>2-7</sub> acyl group;

R<sup>5</sup> represents a hydrogen atom or a C<sub>1-3</sub> alkyl, C<sub>2-3</sub> alkenyl or C<sub>2-3</sub> alkynyl group;

R<sup>6</sup> represents a hydrogen atom or a C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, amino, C<sub>1-6</sub> alkylamino, di(C<sub>1-6</sub>) alkylamino or C<sub>2-7</sub> acylamino group;

each of  $R^7$  and  $R^8$  independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl,  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  alkynyl,  $C_{2-7}$  acyl,  $C_{1-6}$  alkylthio,  $C_{1-6}$  alkoxy,  $C_{3-6}$  cycloalkyl; and

$R^9$  represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl,  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  alkynyl,  $C_{2-7}$  acyl,  $C_{1-6}$  alkylthio,  $C_{1-6}$  alkoxy or  $C_{3-6}$  cycloalkyl group;

X represents  $OCH_2$  or a group  $CR^3R^4$ , wherein each of  $R^3$  and  $R^4$  independently represents a hydrogen atom or a  $C_{1-3}$  alkyl group;

each of  $R^{10}$  and  $R^{11}$  independently represents a hydrogen atom, a  $C_{1-3}$  alkyl,  $C_{3-6}$  cycloalkyl or phenyl group;

Y represents an oxygen atom or a group  $CHNO_2$ ,  $NCN$ ,  $NH$  or  $NNO_2$ ;

n is an integer from 2 to 4;

or a salt thereof;

and a veterinarily or pharmaceutically acceptable carrier or diluent.

Claim 52 (new): A composition of claim 51, wherein independently or in any compatible combination:

each of  $R^1$  and  $R^2$  represents a  $C_{1-6}$  alkyl;

$R^1$  and  $R^2$  are the same as each other;

each of  $R^3$  and  $R^4$  represents a hydrogen atom;

$R^5$  represents a hydrogen atom;

$R^6$  represents a hydrogen atom;

each of  $R^7$  and  $R^8$  represents a  $C_{1-6}$  alkyl;

$R^7$  and  $R^8$  are the same as each other;

$R^9$  represents a halogen atom or a methyl or acetyl group;

Y represents an oxygen atom or a group  $\text{CHNO}_2$ ; and  
n is 2.

Claim 53 (new): A composition of claim 52, wherein each of  $\text{R}^1$  and  $\text{R}^2$  represents a  $\text{C}_{1-4}$  alkyl, group; and each of  $\text{R}^7$  and  $\text{R}^8$  represents a methyl, ethyl or isopropyl group.

Claim 54 (new): A composition of claim 2, wherein each of  $\text{R}^1$  and  $\text{R}^2$  represents a  $\text{C}_{1-4}$  alkyl, group; and each of  $\text{R}^7$  and  $\text{R}^8$  represents a methyl, ethyl or isopropyl group.

Claim 55 (new): A composition as claimed in any one of claims 51 or 52, further comprising an active agent selected from the group consisting of a  $\beta_2$ -adrenoceptor agonist and a glucocorticoid steroid.

Claim 56 (original): A composition as claimed in claim 55, wherein the composition is a pharmaceutical composition for human medicine.

Claim 57 (new): A composition as claimed in claim 56, adapted for administration by aerosol.

Claim 58 (new): A composition comprising a compound selected from the group consisting of:

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-(*N*-carbamoyl-2-aminoethyl)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[*N*-(*N'*-isopropylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[*N*-[1-(*N'*-methyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3- [N-[1-(*N'*-isopropyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(*N'*, *N'*-dimethyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(*N'*-phenylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-2-one;

9, 10-Dimethoxy-3-[2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-3-[N-(*N'*-nitro)-2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-[N-(*N'*-Cyclohexylcarbamoyl)-2-aminoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-9,10-dimethoxy-2-(2-methylphenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-2-(2,6-diisopropylphenylimino)-9,10-dimethoxy-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-4-aminobutyl)-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one; and

3-[N-(*N'*-Cyano-*N''*-methyl)-2-guanidinoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

and a veterinarily or pharmaceutically acceptable carrier or diluent.

Claim 59 (new): A composition as claimed in claim 58, further comprising an active agent selected from the group consisting of a  $\beta_2$ -adrenoceptor agonist and a glucocorticoid steroid.

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Claim 60 (original): A composition as claimed in claim 58, wherein the composition is a pharmaceutical composition for human medicine.

Claim 61 (new): A composition as claimed in claim 60, adapted for administration by aerosol.